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(54) AQUEOUS ALKALINE SOLUTION FOR SUPPLEMENTING MINERAL, METHOD FOR PRODUCING THE SAME AND COMPOSITION FOR PREVENTING AND IMPROVING OSTEOPOROSIS BY USING THE SAME

(57)Abstract:

PROBLEM TO BE SOLVED: To prepare an aqueous alkaline solution for supplementing minerals, containing the large amounts of inorganic substances such as calcium, magnesium, phosphorus, sodium, potassium, zinc, which are necessary for a human body, and to provide a method for producing the same.

SOLUTION: The aqueous alkaline solution for supplementing minerals is constituted by adding an organic acid obtained by using bovine bones, cuttlefish shells and red algae as raw materials to an aqueous mineral solution containing the large amounts of inorganic substances such as calcium, magnesium, phosphorus, sodium, potassium, zinc, to obtain an alkaline mineral solution, and also containing a crude drug composition, dried cod roe, black bean, dentinus edodes, casein phospeptide and docosahexenoic acid. The method for

producing the same, a composition and a health food having preventing and improving effects on osteoporosis by utilizing the alkali solution for supplementing the minerals are provided.

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